

**BEST AVAILABLE COPY**

Serial No.: 10/036,746

Docket No.: KCC-15,796

**AMENDMENT TO THE CLAIMS**

1. (Currently Amended) An absorbent article, comprising:  
a liquid-permeable body-side liner;  
a surge composite adjacent to the body-side liner, the surge composite comprising:  
a non-absorbent, wettable fibrous surge material;  
a plurality of discrete regions in the surge material; and  
a superabsorbent material bonded via a crosslinker to the fibers in at least some of the regions; and  
a substantially liquid-impermeable outer cover adjacent to the surge material on a side opposite the body-side liner.
2. (Previously Presented) The absorbent article of Claim 1, wherein the non-absorbent, wettable fibrous surge material is a treated non-absorbent hydrophobic fibrous material.
3. (Previously Presented) The absorbent article of Claim 1, wherein the discrete region has a surface area on at least one of a first surface and a second surface of the surge composite of about 5% to 80%.
4. (Withdrawn) The absorbent article of Claim 3, wherein the discrete region has a surface area on at least one of the first surface and the second surface of the surge composite of about 10% to 70%.

KCC-2113

2

MDS/I

**BEST AVAILABLE COPY**

Serial No.: 10/036,746

Docket No.: KCC-15,796

5. (Withdrawn) The absorbent article of Claim 4, wherein the discrete region has a surface area on at least one of the first surface and the second surface of the surge composite of about 15% to 60%.

6. (Previously Presented) The absorbent article of Claim 1, wherein at least one of the plurality of discrete regions extends through a length of a thickness of the surge material.

7. (Withdrawn) The absorbent article of Claim 6, wherein at least one of the plurality of discrete regions extends through the entire length of the thickness of the surge material.

8. (Previously Presented) The absorbent article of Claim 1, wherein at least one of the discrete regions comprises a different size.

9. (Previously Presented) The absorbent article of Claim 1, wherein at least one of the discrete regions comprises a different shape.

10. (Previously Presented) The absorbent article of Claim 9, wherein the discrete regions comprise at least two different shapes.

11. (Previously Presented) The absorbent article of Claim 6 wherein at least one of the plurality of discrete regions extends through about 10% to 95% of the length of the thickness of the surge material.

KCC-2113

3

MDS/I

Serial No.: 10/036,746

Docket No.: KCC-15,796

12. (Withdrawn) The absorbent article of Claim 11, wherein at least one of the plurality of discrete regions extends through about 20% to 90% of the length of the thickness of the surge material.

13. (Previously Presented) The absorbent article of Claim 6, wherein at least one of the discrete regions comprises a superabsorbent material gradient.

14. (Previously Presented) The absorbent article of Claim 1, wherein the surge composite comprises about 1% to 400% superabsorbent add-on level based on weight of the surge material.

15. (Withdrawn) The absorbent article of Claim 1, wherein the surge composite comprises about 5% to 300% superabsorbent add-on level based on weight of the surge material.

16. (Withdrawn) The absorbent article of Claim 1, wherein the surge composite comprises about 10% to 200% superabsorbent add-on level based on weight of the surge material.

17. (Previously Presented) The absorbent article of Claim 1, wherein the regions in which the superabsorbent material is bonded to the fibers have a plurality of microscopic pores when viewed in an X-Y plane.

KCC-2113

4

MDS/I

Serial No.: 10/036,746

Docket No.: KCC-15,796

18. (Previously Presented) The absorbent article of Claim 17, wherein the plurality of microscopic pores have a pore size of between 50 and 500 microns.

19. (Previously Presented) The absorbent article of Claim 17, wherein the plurality of microscopic pores have a pore size of between 50 and 300 microns.

20. (Previously Presented) The absorbent article of Claim 17, wherein the plurality of microscopic pores have a pore size of between 50 and 200 microns.

21. (Previously Presented) The absorbent article of Claim 1, wherein the superabsorbent material is bonded to the surge material by drying and crosslinking a superabsorbent precursor solution.

22. (Previously Presented) The absorbent article of Claim 1, wherein the superabsorbent material is applied to the discrete regions of the surge material by one printing, spraying, and dipping.

23. (Withdrawn) The absorbent article of Claim 1, wherein the surge material comprises a spunbond web.

24. (Withdrawn) The absorbent article of Claim 1, wherein the surge material comprises a meltblown web.

KCC-2113

5

MDS/I

Serial No.: 10/036,746

Docket No.: KCC-15,796

25. (Previously Presented) The absorbent article of Claim 1, wherein the surge material comprises a bonded carded web.

26. (Previously Presented) The absorbent article of Claim 21, wherein the superabsorbent precursor comprises a hydrolyzed copolymer of an  $\alpha$ -olefin, an  $\alpha,\beta$ -ethylenically unsaturated organic acid anhydride or ester, and one or more of a non-polymerizable latent crosslinker.

27. (Previously Presented) The absorbent article of Claim 1, wherein the regions in which the superabsorbent material is bonded to the fibers have a layered structure with space between adjacent layers when viewed in a cross-section.

28. (Previously Presented) The absorbent article of Claim 27, wherein the space between adjacent layers separates the adjacent layers by 50 to 300 microns.

29. (Previously Presented) The absorbent article of Claim 27, wherein the space between adjacent layers separates the adjacent layers by 50 to 200 microns.

30. (Previously Presented) The absorbent article of Claim 27, wherein the space between adjacent layers separates the adjacent layers by 50 to 150 microns.

Serial No.: 10/036,746

Docket No.: KCC-15,796

31. (Withdrawn) The absorbent article of Claim 21, wherein the superabsorbent precursor comprises a hydrolyzed copolymer of isobutylene and maleic anhydride and one or more of a nonpolymerizable latent crosslinker.

32. (Previously Presented) The absorbent article of Claim 26, wherein the non-polymerizable latent crosslinker is selected from the group consisting of ethylene glycol, diethylene glycol, triethylene glycol, polyethylene glycol, polyvinyl alcohol, polyethylene oxide, glycerol, 1,3-propanediol, 1,4-butanediol, 1,5-pentanediol, 1,6-hexanediol, 1,8-octanediol, 1,1,1-trimethylolpropane, 1,4-butanediamine, 1,5-pantanediamine, 1,6-hexanediamine, diethylenetriamine, and analogs and derivatives thereof.

33. (Previously Presented) The absorbent article of Claim 21, wherein the superabsorbent precursor comprises a hydrolyzed copolymer of an  $\alpha$ -olefin, an  $\alpha,\beta$ -ethylenically unsaturated organic acid anhydride or ester, and a polyvalent metal ion crosslinker.

34. (Previously Presented) The absorbent article of Claim 33, wherein the polyvalent metal ion crosslinker is selected from the group consisting of Al<sup>3+</sup>, Zr<sup>4+</sup>, Fe<sup>2+</sup>, Fe<sup>3+</sup>, Ca<sup>2+</sup>, Ti<sup>3+</sup>, and Cr<sup>3+</sup>.

35. (Withdrawn) The absorbent article of Claim 21, wherein the superabsorbent precursor comprises a copolymer of acrylic acid with a polymerizable latent crosslinker.

KCC-2113

7

MDS/I

Serial No.: 10/036,746

Docket No.: KCC-15,796

36. (Withdrawn) The absorbent article of Claim 35, wherein the polymerizable latent crosslinker is selected from the group consisting of ethylene glycol allyl ether, 2-hydroxyethyl methacrylate, polyethylene glycol methacrylate, ethylene glycol vinyl ether, aminopropyl vinyl ether, and any compound having an  $\alpha,\beta$ -ethylenically unsaturated group and one or more functional groups which react with a carboxyl group.

37. (Withdrawn) The absorbent article of Claim 21, wherein the superabsorbent precursor comprises a polyacrylic acid and a nonpolymerizable latent crosslinker.

38. (Withdrawn) The absorbent article of Claim 37, wherein the non-polymerizable latent crosslinker is selected from the group consisting of ethylene glycol, diethylene glycol, triethylene glycol, polyethelene glycol, polyvinyl alcohol, polyethylele oxide, glycerol, 1,3-propanediol, 1,4-butanediol, 1,5-pentanediol, 1,6-hexanediol, 1,8-octanediol, 1,1,1-trimethylopropane, 1,4-butanediamine, 1,5-pentanediamine, 1,6-hexanediamine, diethylenetriamine, and analogs and derivatives thereof.

39. (Withdrawn) The absorbent article of Claim 21, wherein the superabsorbent precursor comprises a polyacrylic acid and a polyvalent metal ion crosslinker.

Serial No.: 10/036,746

Docket No.: KCC-15,796

40. (Withdrawn) The absorbent article of Claim 39, wherein the polyvalent metal ion crosslinker is selected from the group consisting of Al<sup>3+</sup>, Zr<sup>4+</sup>, Fe<sup>2+</sup>, Fe<sup>3+</sup>, Ca<sup>2+</sup>, Ti<sup>3+</sup>, and Cr<sup>3+</sup>.

41. (Previously Presented) The absorbent article of Claim 1, wherein the superabsorbent material comprises one selected from the group consisting of hydrolyzed partially neutralized starch acrylonitrile graft copolymers, partially neutralized starch acrylic acid graft copolymers, partially neutralized saponified vinyl acetate-acrylester copolymers, hydrolyzed acronitrile copolymers, carboxymethyl cellulose, carboxymethyl starch, chitosan salts, partially neutralized polyaspartic acid, polyquaternary ammonium salts, polyvinyl amines, polyethylene imines, and combinations thereof.

42. (Previously Presented) The absorbent article of Claim 1, wherein the surge material has a density in a range from 0.010 to 0.100 grams per cubic centimeter.

43. (Previously Presented) The absorbent article of Claim 1, wherein the surge material has a density in a range from 0.015 to 0.075 grams per cubic centimeter.

44. (Previously Presented) The absorbent article of Claim 1, wherein the surge material has a density in a range from 0.020 to 0.050 grams per cubic centimeter.

Serial No.: 10/036,746

Docket No.: KCC-15,796

45. (Previously Presented) The absorbent article of Claim 1, wherein the surge material has a permeability in a range from 500 to 6000 Darcys.

46. (Previously Presented) The absorbent article of Claim 1, wherein the surge material has a permeability in a range from 1000 to 4000 Darcys.

47. (Previously Presented) The absorbent article of Claim 1, wherein the surge material has a permeability in a range from 1700 to 2500 Darcys.

48. (Previously Presented) The absorbent article of Claim 1, wherein the surge material has a basis weight in a range from 0.5 to 10 ounces per square yard.

49. (Previously Presented) The absorbent article of Claim 1, wherein the surge material has a basis weight in a range from 1 to 5 ounces per square yard.

50. (Previously Presented) The absorbent article of Claim 1, wherein the surge material has a basis weight in a range from 1 to 3 ounces per square yard.

51. (Previously Presented) The absorbent article of Claim 1, wherein the absorbent article comprises a diaper.

Serial No.: 10/036,746

Docket No.: KCC-15,796

52. (Previously Presented) The absorbent article of Claim 1,  
wherein the absorbent article comprises a training pant.

53. (Previously Presented) The absorbent article of Claim 1,  
wherein the absorbent article comprises swim wear.

54. (Previously Presented) The absorbent article of Claim 1,  
wherein the absorbent article comprises an adult incontinence garment.

55. (Previously Presented) The absorbent article of Claim 1,  
wherein the absorbent article comprises a feminine hygiene product.

56. (Previously Presented) The absorbent article of Claim 1,  
wherein the absorbent article comprises a medical absorbent product.

57. (Currently Amended) An absorbent article, comprising:  
a liquid-permeable body-side liner;  
a surge material adjacent to the body-side liner;  
a substantially liquid-impermeable outer cover adjacent to the surge  
material;  
a plurality of discrete regions in the surge material; and  
a superabsorbent material bonded via a crosslinker to the surge material  
in at least some of the regions.

Serial No.: 10/036,746

Docket No.: KCC-15,796

58. (Original) The absorbent article of Claim 57, wherein the surge material is a non-absorbent, wettable fibrous material.

59. (Original) The absorbent article of Claim 58, wherein the non-absorbent, wettable fibrous material is a treated non-absorbent hydrophobic material.

60. (Previously Presented) The absorbent article of Claim 57, wherein the discrete region has a surface area on at least one of a first surface and a second surface of the surge material of about 5% to 80%.

61. (Withdrawn) The absorbent article of Claim 57, wherein the discrete region has a surface area on at least one of a first surface and a second surface of the surge material of about 10% to 70%.

62. (Withdrawn) The absorbent article of Claim 57, wherein the discrete region has a surface area on at least one of a first surface and a second surface of the surge material of about 15% to 60%.

63. (Original) The absorbent article of Claim 57, wherein at least one of the plurality of discrete regions extends through a length of a thickness of the surge material.

Serial No.: 10/036,746

Docket No.: KCC-15,796

64. (Withdrawn) The absorbent article of Claim 63, wherein at least one of the plurality of discrete regions extends through an entire thickness of the thickness of the surge material.

65. (Previously Presented) The absorbent article of Claim 64, wherein at least one of the plurality of discrete regions extends through about 10% to 95% of the thickness of the surge material.

66. (Withdrawn) The absorbent article of Claim 64, wherein at least one of the plurality of discrete regions extends through about 20% to 90% of the thickness of the surge material.

67. (Original) The absorbent article of Claim 57, wherein the surge material is a substantially planar surge layer in an X-Y plane.

68. (Original) The absorbent article of Claim 57, wherein the superabsorbent material is applied to the discrete regions of the surge material by one of printing, spraying, and dripping.

69. (Canceled)

70. (Previously Presented) The absorbent article of Claim 57, wherein the superabsorbent material is bonded to the surge material by crosslinking a superabsorbent precursor.

Serial No.: 10/036,746

Docket No.: KCC-15,796

71. (Original) The absorbent article of Claim 57, wherein the surge material comprises a superabsorbent add-on level of about 1% to 400% based on weight of the surge material.

72. (Withdrawn) The absorbent article of Claim 57, wherein the surge material comprises a superabsorbent add-on level of about 5% to 300% based on weight of the surge material.

73. (Withdrawn) The absorbent article of Claim 57, wherein the surge material comprises a spunbond web.

74. (Withdrawn) The absorbent article of Claim 57, wherein the surge material comprises a meltblown web.

75. (Original) The absorbent article of Claim 57, wherein the surge material comprises a bonded carded web.

76. (Original) The absorbent article of Claim 70, wherein the superabsorbent precursor comprises a hydrolyzed copolymer of an  $\alpha$ -olefin and an  $\alpha$ - $\beta$ -ethylenically unsaturated organic acid anhydride or ester, and one or more of a non-polymerizable latent crosslinker.

77. (Withdrawn) The absorbent article of Claim 70, wherein the superabsorbent precursor comprises a hydrolyzed copolymer of isobutylene and maleic anhydride and one or more of a nonpolymerizable latent crosslinker.

Serial No.: 10/036,746

Docket No.: KCC-15,796

78. (Original) The absorbent article of Claim 76, wherein the non-polymerizable latent crosslinker is selected from the group consisting of ethylene glycol, diethylene glycol, triethylene glycol, polyethylene glycol, polyvinyl alcohol, polyethylene oxide, glycerol, 1,3-propanediol, 1,4-butanediol, 1,5-pentanediol, 1,6-hexanediol, 1,8-octanediol, 1,1,1-trimethylolpropane, 1,4-butanediamine, 1,5-pentanediamine, 1,6-hexanediamine, diethylenetriamine, and analogs and derivatives thereof.

79. (Original) The absorbent article of Claim 70, wherein the superabsorbent precursor comprises a hydrolyzed copolymer of an  $\alpha$ -olefin, an  $\alpha$ - $\beta$ -ethylenically unsaturated organic acid anhydride or ester, and a polyvalent metal ion crosslinker.

80. (Original) The absorbent article of Claim 79, wherein the polyvalent metal ion crosslinker is selected from the group consisting of Al<sup>3+</sup>, Zr<sup>4+</sup>, Fe<sup>2+</sup>, Fe<sup>3+</sup>, Ca<sup>2+</sup>, Ti<sup>3+</sup>, and Cr<sup>3+</sup>.

81. (Withdrawn) The absorbent article of Claim 70, wherein the superabsorbent precursor comprises a copolymer of acrylic acid with a polymerizable latent crosslinker.

82. (Withdrawn) The absorbent article of Claim 81, wherein the polymerizable latent crosslinker is selected from the group consisting of ethylene glycol allyl ether, 2-hydroxyethyl methacrylate, polyethylene glycol methacrylate, ethylene glycol vinyl ether, aminopropyl vinyl ether, and any compound having an

Serial No.: 10/036,746

Docket No.: KCC-15,796

$\alpha,\beta$ -ethylenically unsaturated group and one or more functional groups which react with a carboxyl group.

83. (Withdrawn) The absorbent article of Claim 70, wherein the superabsorbent precursor comprises a polyacrylic acid and a nonpolymerizable latent crosslinker.

84. (Withdrawn) The absorbent article of Claim 83, wherein the non-polymerizable latent crosslinker is selected from the group consisting of ethylene glycol, diethylene glycol, triethylene glycol, polyethelene glycol, polyvinyl alcohol, polyethylele oxide, glycerol, 1,3-propanediol, 1,4-butanediol, 1,5-pantanediol, 1,6-hexanediol, 1,8-octanediol, 1,1,1-trimethylolpropane, 1,4-butanediamine, 1,5-pantanediame, 1,6-hexanediamine, diethylenetriamine, and analogs and derivatives thereof.

85. (Withdrawn) The absorbent article of Claim 70, wherein the superabsorbent precursor comprises a polyacrylic acid and a polyvalent metal ion crosslinker.

86. (Withdrawn) The absorbent article of Claim 85, wherein the polyvalent metal ion crosslinker is selected from the group consisting of Al<sup>3+</sup>, Zr<sup>4+</sup>, Fe<sup>2+</sup>, Fe<sup>3+</sup>, Ca<sup>2+</sup>, Ti<sup>3+</sup>, and Cr<sup>3+</sup>.

87. (Original) The absorbent article of Claim 57, wherein the superabsorbent material comprises one selected from the group consisting of

Serial No.: 10/036,746

Docket No.: KCC-15,796

hydrolyzed partially neutralized starch acrylonitrile graft copolymers, partially neutralized starch acrylic acid graft copolymers, partially neutralized saponified vinyl acetate-acrylester copolymers, hydrolyzed acronitrile copolymers, carboxymethyl cellulose, carboxymethyl starch, chitosan salts, partially neutralized polyaspartic acid, polyquaternary ammonium salts, polyvinyl amines, polyethylene imines, and combinations thereof.

88. (Withdrawn) An absorbent article, comprising:

- a liquid-permeable body-side liner;
- a surge material adjacent to the body-side liner;
- an absorbent core adjacent the surge material;
- a substantially liquid-impermeable outer cover adjacent to the absorbent core;
- a plurality of discrete regions in at least one of the surge material and the absorbent core; and
- a superabsorbent material bonded to the least one of the surge material and the absorbent core in the discrete regions.

89. (Withdrawn) The absorbent article of Claim 88, wherein the surge material is a non-absorbent, wettable fibrous material.

90. (Withdrawn) The absorbent article of Claim 88, wherein at least one of the plurality of discrete regions extends through a length of a thickness of the at least one of the surge material and the absorbent core.

Serial No.: 10/036,746

Docket No.: KCC-15,796

91. (Withdrawn) The absorbent article of Claim 90, wherein at least one of the plurality of discrete regions extends through the entire thickness of the at least one of the surge material and the absorbent core.

92. (Withdrawn) The absorbent article of Claim 88, wherein the surge material comprises a substantially planar surge layer in an X-Y plane.

93. (Withdrawn) The absorbent article of Claim 88, wherein the absorbent core comprises a substantially planar absorbent layer in an X-Y plane.

94. (Withdrawn) The absorbent article of Claim 88, wherein the superabsorbent material is applied to the discrete regions of the least one of the surge material and the absorbent core by one of printing, spraying, and dipping.

95. (Withdrawn) The absorbent article of Claim 88, wherein at least one of the surge material and the absorbent core comprise a superabsorbent add-on level of about 1% to 400% based on weight of the at least one of the surge material and the absorbent core.

96. (Withdrawn) The absorbent article of Claim 88, wherein the superabsorbent add-on level is about 5% to 300% based on weight of the at least one of the surge material and the absorbent core.

Serial No.: 10/036,746

Docket No.: KCC-15,796

97. (Withdrawn) A method of applying superabsorbent material to surge material to form the surge composite of the absorbent article of Claim 1, comprising:

making a superabsorbent material precursor solution;  
printing the superabsorbent precursor solution onto the surge material;  
drying the superabsorbent precursor; and  
crosslinking the superabsorbent precursor.

98. (Withdrawn) The method of Claim 97, wherein the surge material comprises about 1% to 400% superabsorbent material add-on level based on weight of the surge material.

99. (Withdrawn) The method of Claim 97, wherein the surge material comprises about 5% to 300% superabsorbent material add-on level based on weight of the surge material.

100. (Withdrawn) The method of Claim 97, wherein the surge material comprises about 10% to 200% superabsorbent material add-on level based on weight of the surge material.

101. (Withdrawn) The method of Claim 97, wherein the superabsorbent material is printed into discrete regions of the surge material.

Serial No.: 10/036,746

Docket No.: KCC-15,796

102. (Withdrawn) The method of Claim 100, wherein the regions in which the superabsorbent material is printed into the surge material have a plurality of microscopic pores when viewed in an X-Y plane.

103. (Withdrawn) The method of Claim 102, wherein the plurality of microscopic pores have a pore size of between 50 and 500 microns.

104. (Withdrawn) The method of Claim 97, wherein the surge material comprises a plurality of fibers selected from the group consisting of polypropylene fibers, polyethylene fibers, polyester fibers, webs of spunbonded polypropylene fibers, webs of spunbonded polyethylene fibers, webs of spunbonded polyester fibers, webs of rayon fibers, bonded carded webs of synthetic fibers, bonded carded webs of natural fibers, and combinations thereof.

105. (Withdrawn) The method of Claim 97, wherein the superabsorbent precursor comprises a hydrolyzed copolymer of isobutylene and maleic anhydride and one or more of a nonpolymerizable latent crosslinker.

106. (Withdrawn) The method of Claim 97, wherein the superabsorbent precursor comprises a hydrolyzed copolymer of an  $\alpha$ -olefin, an  $\alpha$ - $\beta$ -ethylenically unsaturated organic acid anhydride or ester, and one or more of a non-polymerizable latent crosslinker.

107. (Withdrawn) The method of Claim 106, wherein the non-polymerizable latent crosslinker is selected from the group consisting of ethylene

Serial No.: 10/036,746

Docket No.: KCC-15,796

glycol, diethylene glycol, triethylene glycol, polyethelene glycol, polyvinyl alcohol, polyethylele oxide, glycerol, 1,3-propanediol, 1,4-butanediol, 1,5-pantanediol, 1,6-hexanediol, 1,8-octanediol, 1,1,1-trimethylolpropane, 1,4-butanediamine, 1,5-pantanediamicne, 1,6-hexanediamine, diethylenetriamine, and analogs and derivatives thereof.

108. (Withdrawn) The method of Claim 107, wherein the superabsorbent precursor comprises a hydrolyzed copolymer of an  $\alpha$ -olefin, an  $\alpha$ - $\beta$ -ethylenically unsaturated organic acid anhydride or ester, and a polyvalent metal ion crosslinker.

109. (Withdrawn) The method of Claim 108, wherein the polyvalent metal ion crosslinker is selected from the group consisting of Al<sup>3+</sup>, Zr<sup>4+</sup>, Fe<sup>2+</sup>, Fe<sup>3+</sup>, Ca<sup>2+</sup>, Ti<sup>3+</sup>, and Cr<sup>3+</sup>.

110. (Withdrawn) The method of Claim 97, wherein the superabsorbent precursor comprises a copolymer of acrylic acid with a polymerizable latent crosslinker.

111. (Withdrawn) The method of Claim 110, wherein the polymerizable latent crosslinker is selected from the group consisting of ethylene glycol allyl ether, 2-hydroxyethyl methacrylate, polyethylene glycol methacrylate, ethylene glycol vinyl ether, aminopropyl vinyl ether, and any compound having an  $\alpha$ , $\beta$ -ethylenically unsaturated group and one or more functional groups which react with a carboxyl group.

Serial No.: 10/036,746

Docket No.: KCC-15,796

112. (Withdrawn) The method of Claim 97, wherein the superabsorbent precursor comprises a polyacrylic acid and a nonpolymerizable latent crosslinker.

113. (Withdrawn) The method of Claim 112, wherein the non-polymerizable latent crosslinker is selected from the group consisting of ethylene glycol, diethylene glycol, triethylene glycol, polyethelene glycol, polyvinyl alcohol, polyethylele oxide, glycerol, 1,3-propanediol, 1,4-butanediol, 1,5-pantanediol, 1,6-hexanediol, 1,8-octanediol, 1,1,1-trimethylolpropane, 1,4-butanediamine, 1,5-pantanediamine, 1,6-hexanediamine, diethylenetriamine, and analogs and derivatives thereof.

114. (Withdrawn) The method of Claim 97, wherein the superabsorbent precursor comprises a polyacrylic acid and a polyvalent metal ion crosslinker.

115. (Withdrawn) The method of Claim 114, wherein the polyvalent metal ion crosslinker is selected from the group consisting of Al<sup>3+</sup>, Zr<sup>4+</sup>, Fe<sup>2+</sup>, Fe<sup>3+</sup>, Ca<sup>2+</sup>, Ti<sup>3+</sup>, and Cr<sup>3+</sup>.

116. (Withdrawn) The method of Claim 97, wherein the superabsorbent material comprises one selected from the group consisting of hydrolyzed partially neutralized starch acrylonitrile graft copolymers, partially neutralized starch acrylic acid graft copolymers, partially neutralized saponified vinyl acetate-acrylester copolymers, hydrolyzed acronitrile copolymers, carboxymethyl

KCC-2113

22

MDS/I

Serial No.: 10/036,746

Docket No.: KCC-15,796

cellulose, carboxymethyl starch, chitosan salts, partially neutralized polyaspartic acid, polyquaternary ammonium salts, polyvinyl amines, polyethylene imines, and combinations thereof.

KCC-2113

23

MDS/I

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